Docket No.: PF-0114-2 DIV

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Ву:_____

Lyza Fimiliar

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bandman et al.

Title:

TWO NOVEL HUMAN NSP-LIKE PROTEINS

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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call to the attention of the Examiner the enclosed "List of References Cited by Applicants." The right is reserved to antedate any item in accordance with standard procedure.

Applicants respectfully submit under 37 C.F.R. 1.98(3)(d) that copies of the references are not included herein as copies were previously cited by or submitted to the Office in parent application Serial No. 09/228,213, filed January 11, 1999 and in parent application Serial No. 08/700,607, filed August 12, 1996, from which we are claiming priority under 35 U.S.C. 120.

Citation of the documents is not to be construed as an admission that the documents are necessarily prior art with respect to the instant invention. This submission is understood to complement the results of the Examiner's own independent search. Citation of the documents shall not be construed as a representation that a search has been made or that the cited items are inclusive of all the relevant and material citations that may be available publicly. Any NCBI report included herein may not have an accurate date for prior art purposes. Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

Applicants respectfully request that the cited documents be considered by the Examiner and that an initialed copy of the List of References Cited by Applicants be returned to Applicants.

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Docket No.: PF-0114-2 DIV

It is believed that this disclosure complies with 37 CFR §§ 1.56, 1.97 and 1.98 and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, please telephone the undersigned.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 09-0108.

If there are any questions regarding the above, the Examiner is invited to call the undersigned.

Respectfully submitted,

INCYTE CORPORATION

Date: 12 September 2003

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	11	van de Velde, H.J., et al., "NSP-encoded reticulons are neuroendocrine markers of a novel category in human lung cancer diagnosis" <u>Cancer Res.</u> 54:4769-76 (1994)								
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